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ABSTRACT

Historical information is provided on required student fees at Massachusetts public universities and colleges from fall 1982 to the present. Information on current fees subject to the 30% guideline is also included. Two sections of the report deal respectively with: (1) total required fees (recent trends in fees and comparison with state appropriations) and (2) categories of fees (different types of fees charged, fee policy, and fees by category). Mandatory student fees constitute an important part of the cost of higher education. Major findings include the following: fees vary significantly both between and within segments, and fees at public universities average $783 per year compared with $301 at community colleges; since fall of 1982, required fees have grown about seven times as much as tuition and twice as much as per capita income; internal administrative fees currently constitute approximately 61% of all fees and average $331 per year (and internal fees are now about 17% higher than in the fall of 1988 when they averaged $283 per year); and internal administrative fees currently exceed the 30% of tuition at 13 of the 28 public universities and colleges, compared to only five in the fall of 1988. Three figures and four statistical tables complete the report. (SM)

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ED309702

Board of Regents of Higher Education

Required Fees at Massachusetts Public Universities and Colleges

June 5, 1989

HE 022 661

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I. INTRODUCTION

With over 85% of all campus spending committed to salaries (an increase from 81% in FY '83) and budget reversions of over $25 million in the last two fiscal years, fees have become an important campus resource for maintaining and expanding non-personnel activities. Revenues generated from fees have traditionally supported student related activities. Now these revenues are used with increased frequency to maintain equipment and facilities, purchase laboratory and computer equipment, and support library acquisitions and operations. The use of fees to meet obligations that are not fully supported by state appropriations is a major factor in the dramatic increase in student fees. Mandatory student fees currently average $542 per year, an increase of 145% from fall '82 and 39% from fall '87.

When the Regents adopted its Tuition Policy, they also recognized the importance of mandatory student fees as part of the complete cost of education.[1] The Regents adopted, and the university and college presidents voluntarily approved, a guideline that certain required fees should not exceed 30% of tuition.[2]

This report provides historical information on required student fees at Massachusetts public universities and colleges from fall '82 to the present.[3] It also presents information on current fees subject to the 30% guideline. Major findings include the following:

- Fees vary significantly both between and within segments. Fees at public universities average $783 per year, compared with $301 at community colleges. Within each of the three segments, the highest fees are approximately three times the lowest.

- Since fall '82, required fees have grown about seven times as much as tuition and twice as much as per capita income. Adjusting for other price increases, fees have increased between 78% and 96%, depending on which price index is used.

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1 *"A Margin for Excellence": A Tuition Policy for Public Higher Education in Massachusetts—A Statement of Principles and Policies*, adopted by the Massachusetts Board of Regents of Higher Education, May 10, 1988.

2 Adopted by the Massachusetts Board of Regents of Higher Education, November 8, 1988.

3 Data on fees have normally been collected each fall. However, several institutions indicated that fees for the current semester, spring '89, would be higher than for fall '88, prompting a special survey of fees for this semester.

- Internal administrative fees currently constitute approximately 61% of all fees and average $331 per year. Internal fees are now about 17% higher than in fall '88 when they averaged $283 per year. Most of these increases represent one-time emergency fees adopted in response to the current fiscal crisis. The Regents have asked that these be eliminated, effective for the fall '89 semester.

- Internal administrative fees currently exceed the 30% of tuition at 13 of the 28 public universities and colleges, compared to only 5 in fall '88.

Universities and colleges may assess fees in a number of different ways. Most institutions assess the majority of fees on a regular basis each semester or each year. They may assess others (e.g., admission, graduation, and placement fees) only when a student first enters the institution or when he or she graduates. Some fees are charged only to students enrolled in particular classes or programs (e.g., laboratory and special materials fees).[4]

In addition to required fees, some fees are voluntary in that a student can decline to pay them or can obtain a refund by applying (e.g., Massachusetts Public Interest Research Group or some alumni association fees). In this report we consider only mandatory fees charged to all undergraduate students. Because the University of Massachusetts at Worcester, which offers only graduate and medical degree programs, has no undergraduate students, it is not included in this report.

II. TOTAL REQUIRED FEES

Recent Trends in Fees

Required fees at the twenty-eight Massachusetts public universities and colleges serving undergraduate students currently average $542 per year.[5] Comparing segments, we find that fees are highest at universities ($783) and lowest at the community colleges ($301). Unlike tuition, which is essentially uniform within each segment, fees vary considerably within segments as well as across segments. The highest total fees within each of the three segments is roughly three times the lowest. Fees at community colleges range from $159 at Bunker Hill Community College to $440 at Holyoke Community College. Fees at state colleges range from $275 at Worcester State College to $795 at the Massachusetts College of Art, and fees at universities vary from $360 at Southeastern Massachusetts University to $1,063 at the University of Massachusetts at Amherst.

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[4] Some fees may also vary according to the number of courses or credits a student takes, whether he or she is an undergraduate or graduate student, and whether he or she is a resident of Massachusetts or of another state. This report considers only fees charged to full-time (i.e., 12 or more credit hours per semester), undergraduate Massachusetts residents. We prorate one-time fees (e.g., graduation fees, diploma fees, orientation fees) over four years (two years for community colleges). Where fees (or tuition) vary with the number of credits a student takes, we use the amount that institutions charge to full-time equivalent students (i.e., 30 credits per year).

[5] As noted earlier, the University of Massachusetts at Worcester has only graduate and medical students. See Table 1 for complete data on required fees.

Fees have increased rapidly since 1982. Overall, average fees have increased by $321 or 145% during this period, as shown in Figure 1. The largest absolute increase occurred at the universities, where average required fees rose from $314 to $783, an increase of $469 or 149%. The largest relative increase was at the community colleges, where fees rose 229% or $210, from $91 to $301. Fees at state colleges rose from an average of $229 to $478, an increase of $249 or 108%.

Comparison with State Appropriations

As can be seen in Figure 1, fees have grown since fall '82, but their growth has been particularly rapid during the past two years. In fall '88 several colleges raised fees or instituted new, temporary fees in response to limitations in state appropriations and required reversions of appropriated funds. In many cases, additional one-time emergency fees and temporary fee increases were adopted for spring '89. The Chancellor has asked that these be rolled back for the fall '89 semester. Average fees increased from $389 in fall '87 to $494 in fall '88, and to $542 in spring '89. Over the past year and a half, average fees have increased by approximately 39%, compared to a 76% increase over the previous five years.

Much of the change in fees can be directly linked to changes in state appropriations. Since FY '83, total state appropriations have increased by 80.8%, reaching $753 million in FY '89. The increase in revenue went primarily to support increases in the scholarship program (up 342.1%) and in faculty and staff salary accounts (up 75.4%). At the campus level, spending on personnel accounted for all of the increase in appropriations after adjusting for inflation (HEPI) and enrollment growth. Funding for maintenance, equipment and related items declined by about 2%. In addition, between FY '84 and FY '85, appropriations for heating and plant maintenance were reduced by over $4 million. During the past two fiscal years the decline in the non-salaried accounts has been even more dramatic. Campus budget reversions during the past two years amounted to over $25 million. On many campuses the reversions were taken at the expense of non-salary spending, which was reduced by over $9 million ($16 million when adjusted for inflation.) Fees were used to moderate some of the decline. In inflation-adjusted terms, fees generated about $11 million in additional revenue which was available for all purposes, including support for the non-salaried accounts.[6]

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[6] The revenue estimate is based upon a $122 per student increase in inflation-adjusted fees, an average enrollment of 108,000 FTEs and a recovery rate of 85%.

Comparison with Tuition, Prices and Income

Since 1982 required fees have grown considerably faster than tuition, per capita income, and consumer or higher education prices during the same period, as shown in Figure 2.[7] Between fall '82 and spring '89 fees grew (145%) nearly seven times as fast as tuition (21%), and over twice as fast as Massachusetts per capita income (62%). Fees have also increased substantially faster than the higher education price index (HEPI, 38%) or the consumer price indices (CPI) for the U.S. (25%) or the Boston area (33%). If we adjust the increase in required fees for inflation, we find that the real growth in fees has been between 78% (using HEPI) and 96% (using the CPI for the U.S.).

III. CATEGORIES OF FEES

Different Types of Fees Charged

Public universities and colleges charge a large number of different fees: general purpose fees, student activity fees, health service and insurance fees, educational or academic services fees, and miscellaneous fees. Each university or college is free to establish and control its own fees. The labels assigned to similar fees frequently vary from one institution to the next. As a result, it is difficult to determine how accurate the fee titles are as descriptions of the purposes for which the fees are intended or actually utilized.

Although fees are formally approved by the trustees of each university or college, the amounts charged for some fees may be determined by others. Some fees, such as recreation or student government fees, are often initiated by students. Others, such as some health service and insurance fees, may be determined primarily by external administrative requirements.

Fee Policy

The Regents' Tuition Policy of May 1988 addresses mandatory student fees, because no tuition policy can work if the body responsible for establishing state-wide policy has no role in setting reasonable limits on the growth in campus-based fees. In establishing policy guidelines for fees, the Regents recognized both the complexity of the fee structure and the importance of local initiatives under the leadership of individual boards of trustees, which have the legal authority to determine fees at each university or college. The guidelines for fees represent a voluntary approach to limiting fees, adopted by the Board of Regents and voluntarily approved by the university and college presidents.

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[7] See Table 2 for complete data on tuition. See Table 3 for data on per capita income, consumer and higher education price indices and adjusted fees.

The fees policy sets as a goal that such charges should not exceed 30% of tuition. Fees supporting student life activities initiated and/or approved by student associations or governments are included in the calculation. To assist the Regents in further defining the appropriate set of fees to be included, the Chancellor established a Study Group on Student Fees. Based on the recommendations of this study group, the Regents established three categories of fees, only one of which is counted against the 30% guideline.[8] These categories include:

- *Internal Administrative*. Any fee established by the administration of a university or college to support educational activities, maintenance or construction of laboratories, libraries or other facilities, or for similar purposes.
- *Student Initiated*. Any fee that supports student social, recreational, athletic or other activities or services not primarily educational; and is initiated and/or approved by the students of a university or college, either directly or through the official student association or other institution-wide student governing body.
- *Externally Determined*. Any fees for student services that are mandated and administered by agencies external to an individual university or college, such as the Commonwealth or the Board of Regents.

Only those fees set by the administration of a college and used primarily to support educational and related services (i.e., Internal Administrative Fees) should be considered for the purposes of the policy. The policy, however, does not preclude any institution from seeking exemption from the 30% rule for unique or special purpose fees.

Fees by Category

Internal Administrative fees average $331 for spring '89, compared to $283 for fall '88.[9] Both Student Initiated and External fees remain unchanged at $164 and $10, respectively. Because of the increases in Internal Administrative fees, the portion of total fees in this category increased from 57% in fall '88 to 61% in spring '89. Student fees fell from 33% of all fees to 30%, while external fees remained slightly below 2% of all fees.

Although Internal Administrative fees constitute the largest category of fees overall, there are noticeable differences in the distribution of fees by category between universities, state colleges and community colleges. Student Initiated Fees constitute a larger proportion of total fees at state colleges

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[8] Adopted by the Massachusetts Board of Regents of Higher Education, November 8, 1988.

[9] See Table 4 for complete data on fees by categories. A portion of the Authority Fee at the University of Massachusetts at Amherst ($195 of $261) was not included in any of the three categories, even though it is included in the total fees. This amount represents certain student housing expenses which are charged to all students at U Mass Amherst, rather than being charged only to resident students. Since room and board expenses were not included in required fees at other institutions, this portion of U Mass Amherst's Authority Fee was exempted. The remainder of the Authority Fee is included as an Internal Administrative fee.

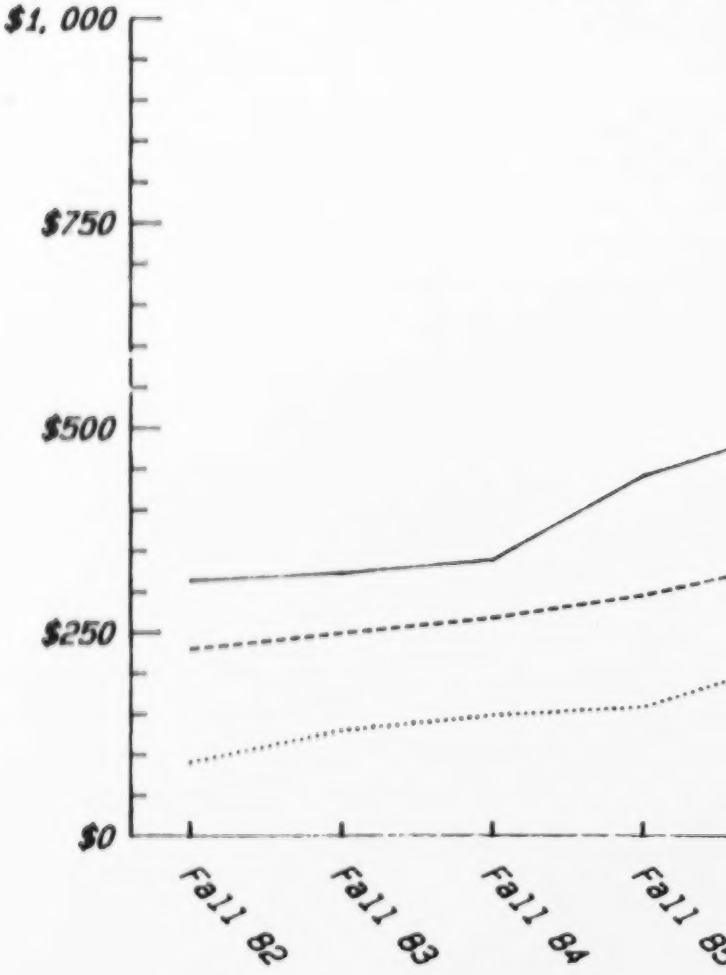
(50% in fall '88, 42% in spring '89) than at either universities (30% fall, 29% spring) or community colleges (22% fall, 19% spring). Both Internal Administrative and External fees are highest relative to total fees at community colleges. Internal Administrative fees currently constitute 76% of all fees (72% in fall '88) at community colleges, compared with 56% (47% in fall '88) at state colleges and 59% (57% in fall '88) at universities. External fees currently constitute 5% of all fees (6% in fall '88) at community colleges, compared with roughly 2% and 0.5% at state colleges and universities, respectively.

Internal Administrative fees currently average 31% of tuition at all institutions, slightly over the 30% guideline. Fall '88 Internal Administrative fees averaged only 27% of tuition. Of the 28 universities and colleges, 13 (1 university, 4 state colleges and 8 community colleges) are currently above the 30% guideline, as shown in Figure 3. A total of 8 institutions, 3 state colleges and 5 community colleges, that were below the 30% guideline in fall '88 exceeded the guideline as a result of fee increases for spring '89.

IV. CONCLUSIONS

Mandatory student fees constitute an important part of the cost of higher education. Required fees currently average $542 per year at public universities and colleges. Actual fees vary substantially both between and within each of the the three segments (universities, state colleges and community colleges). These fees have increased dramatically since 1982, growing substantially faster than tuition, income or consumer prices. The most significant growth has occurred in the past year and a half, primarily in response to the fiscal crisis. Internal administrative fees, subject to the Regents' guidelines on fees, exceed 30% of tuition at 13 of the 28 universities and colleges.

Figure 1. Required
Fall 1982 –



ired Undergraduate Fees:
82 – Spring 1989

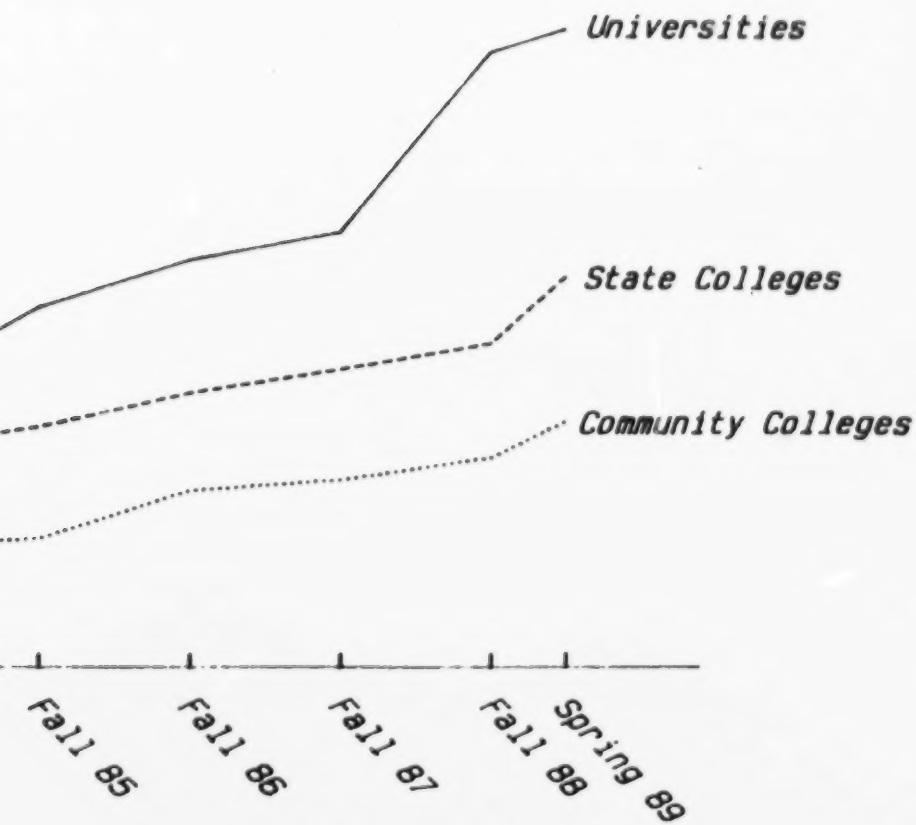


Figure 2. Fees, Income, Prices and Tuition Percentage Growth: Fall 1982 - Spring 1989

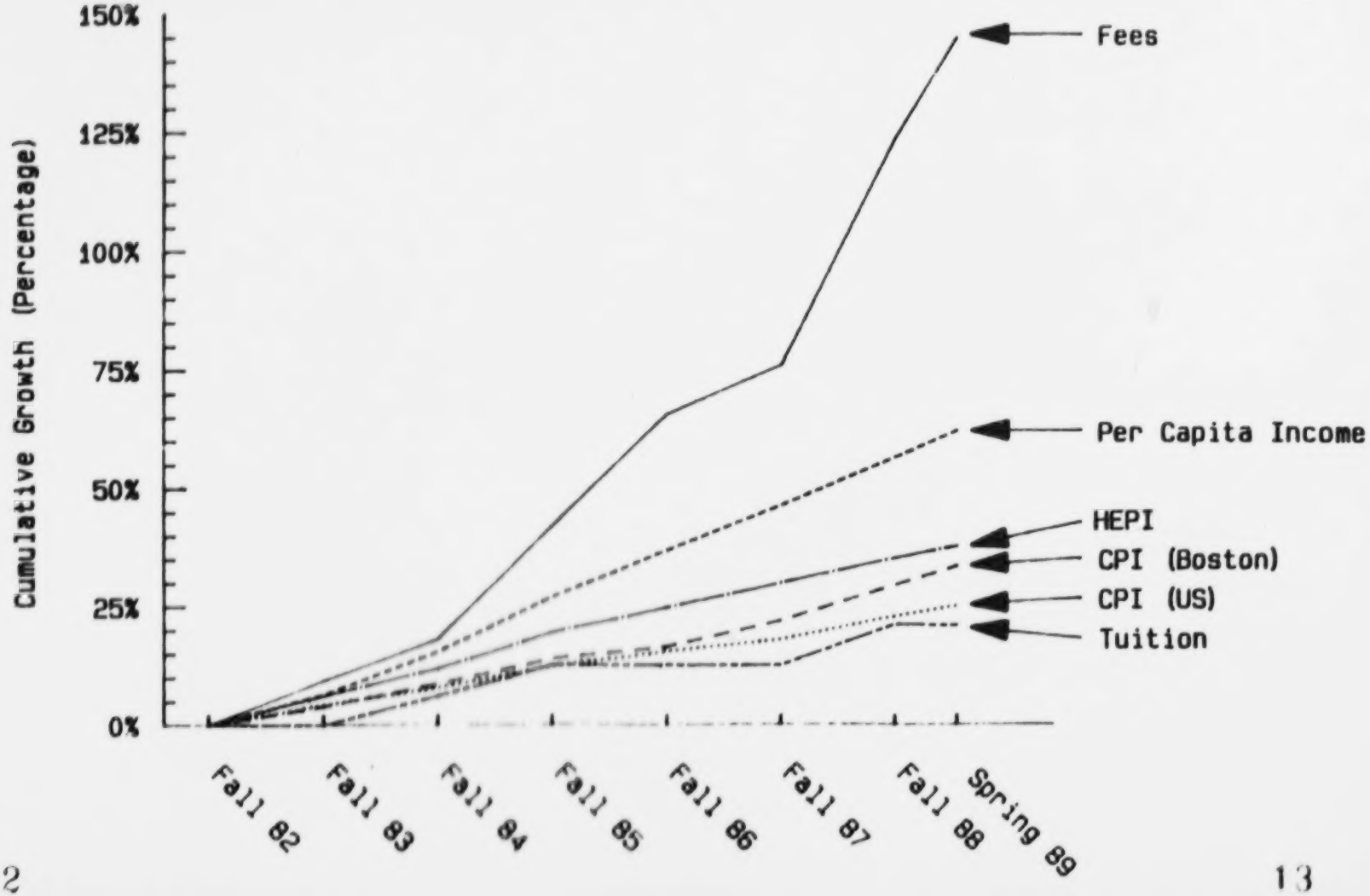


Figure 3. Internal Administrative Fees as Percentage of Tuition: Fall 88 – Spring 89

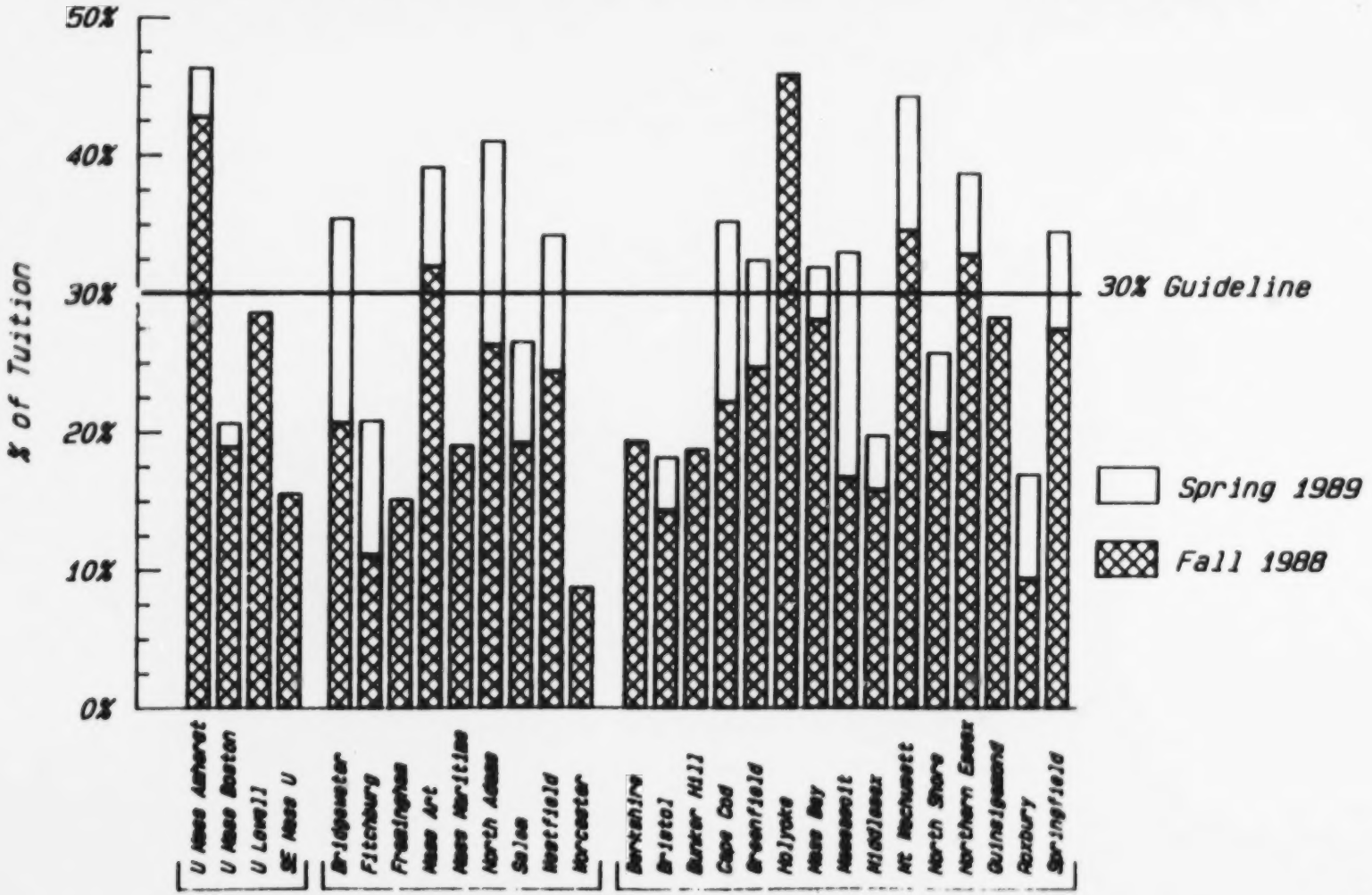


TABLE 1. REQUIRED FEES: FALL 1982 - SPRING 1989

INSTITUTION	F82	F83	F84	F85	F86	F87	F88	S89	F82-S89	F87-S89	F88-S89
Universities											
U Mass Amherst	$419	$433	$449	$644	$742	$796	$1,063	$1,113	165.6%	39.8%	4.7%
U Mass Boston	$175	$199	$225	$237	$264	$286	$416	$441	152.0%	54.2%	6.0%
U Lowell	$258	$263	$277	$306	$343	$352	$594	$594	130.2%	68.8%	0.0%
SE Mass U	$196	$200	$200	$225	$237	$235	$360	$360	83.4%	53.3%	0.0%
State Colleges											
Bridgewater	$293	$325	$330	$332	$399	$401	$401	$551	88.1%	37.4%	37.4%
Fitchburg	$192	$192	$212	$254	$318	$318	$318	$418	117.7%	31.4%	31.4%
Framingham	$260	$291	$327	$374	$373	$437	$436	$436	67.7%	-0.2%	0.0%
North Adams	$257	$272	$337	$349	$394	$482	$517	$667	159.5%	38.4%	29.1%
Salem	$176	$194	$207	$246	$274	$301	$373	$448	154.5%	48.8%	20.1%
Westfield	$261	$292	$292	$316	$357	$389	$434	$534	104.6%	37.3%	23.0%
Worcester	$178	$190	$192	$233	$247	$275	$275	$275	54.5%	0.0%	0.0%
Mass Art	$248	$266	$342	$345	$463	$477	$720	$795	220.6%	66.7%	10.4%
Mass Maritime	$269	$269	$269	$269	$323	$336	$348	$348	29.4%	3.6%	0.0%
Community Colleges											
Berkshire	$103	$153	$186	$186	$283	$286	$285	$285	176.7%	-0.3%	0.0%
Bristol	$100	$120	$122	$122	$163	$176	$175	$205	105.0%	16.5%	17.1%
Bunker Hill	$74	$114	$114	$114	$157	$160	$159	$159	114.9%	-0.6%	0.0%
Cape Cod	$145	$168	$208	$208	$241	$250	$249	$349	140.7%	39.6%	40.2%
Greenfield	$115	$147	$167	$167	$252	$256	$285	$345	200.0%	34.8%	21.1%
Holyoke	$90	$95	$107	$179	$229	$234	$440	$440	388.9%	88.0%	0.0%
Mass Bay	$90	$112	$168	$192	$253	$316	$315	$345	283.3%	9.2%	9.5%
Massasoit	$83	$130	$152	$168	$181	$184	$183	$309	272.3%	67.9%	68.9%
Middlesex	$76	$102	$108	$138	$169	$182	$195	$225	196.1%	23.6%	15.4%
Mt. Wachusett	$93	$177	$177	$182	$207	$210	$339	$414	345.2%	97.1%	22.1%
North Shore	$68	$105	$107	$107	$200	$209	$197	$242	255.9%	16.1%	22.8%
Northern Essex	$98	$189	$198	$192	$355	$359	$358	$403	311.2%	12.3%	12.6%
Quinsigamond	$86	$142	$190	$200	$237	$240	$277	$277	222.1%	15.4%	0.0%
Roxbury	$79	$109	$109	$109	$135	$139	$146	$216	172.8%	55.0%	48.1%
Springfield Technical	$90	$111	$140	$140	$210	$214	$273	$327	263.3%	52.8%	19.8%
Averages											
U Mass	$353	$365	$386	$525	$601	$644	$880	$922	161.5%	43.2%	4.8%
Regional Universities	$235	$239	$247	$273	$300	$303	$496	$496	111.4%	64.1%	0.0%
Universities	$314	$323	$339	$442	$500	$534	$754	$783	149.1%	46.5%	3.8%
State Colleges	$229	$249	$268	$296	$338	$366	$398	$478	108.4%	30.5%	20.3%
Community Colleges	$91	$130	$148	$159	$218	$230	$258	$301	229.6%	31.2%	16.9%
All	$221	$242	$261	$314	$366	$389	$494	$542	145.4%	39.1%	9.7%

TABLE 2. TUITION: FALL 1982 - SPRING 1989

INSTITUTION	F82	F83	F84	F85	F86	F87	F88	S89	F82-S89	F87-S89	F88-S89
Universities											
U Mass Amherst	$1,129	$1,129	$1,208	$1,296	$1,296	$1,296	$1,404	$1,404	24.4%	8.3%	0.0%
U Mass Boston	$1,129	$1,129	$1,208	$1,296	$1,296	$1,296	$1,404	$1,404	24.4%	8.3%	0.0%
U Lowell	$986	$986	$1,026	$1,080	$1,080	$1,080	$1,170	$1,170	18.7%	8.3%	0.0%
SE Mass U	$937	$937	$1,002	$1,080	$1,080	$1,080	$1,170	$1,170	24.9%	8.3%	0.0%
State Colleges											
Bridgewater	$845	$845	$888	$936	$936	$936	$1,014	$1,014	20.0%	8.3%	0.0%
Fitchburg	$845	$845	$888	$936	$936	$936	$1,014	$1,014	20.0%	8.3%	0.0%
Framingham	$845	$845	$888	$936	$936	$936	$1,014	$1,014	20.0%	8.3%	0.0%
North Adams	$845	$845	$888	$936	$936	$936	$1,014	$1,014	20.0%	8.3%	0.0%
Salem	$845	$845	$888	$936	$936	$936	$1,014	$1,014	20.0%	8.3%	0.0%
Westfield	$845	$845	$888	$936	$936	$936	$1,014	$1,014	20.0%	8.3%	0.0%
Worcester	$845	$845	$888	$936	$936	$936	$1,014	$1,014	20.0%	8.3%	0.0%
Mass Art	$845	$845	$888	$960	$960	$960	$1,044	$1,044	23.6%	8.8%	0.0%
Mass Maritime	$845	$845	$888	$960	$960	$960	$1,044	$1,044	23.6%	8.8%	0.0%
Community Colleges											
Berkshire	$634	$634	$672	$708	$708	$708	$768	$768	21.1%	8.5%	0.0%
Bristol	$634	$634	$672	$708	$708	$708	$768	$768	21.1%	8.5%	0.0%
Bunker Hill	$634	$634	$672	$708	$708	$708	$768	$768	21.1%	8.5%	0.0%
Cape Cod	$634	$634	$672	$708	$708	$708	$768	$768	21.1%	8.5%	0.0%
Greenfield	$634	$634	$672	$708	$708	$708	$768	$768	21.1%	8.5%	0.0%
Holyoke	$634	$634	$672	$708	$708	$708	$768	$768	21.1%	8.5%	0.0%
Mass Bay	$634	$634	$672	$708	$708	$708	$768	$768	21.1%	8.5%	0.0%
Massasoit	$634	$634	$672	$708	$708	$708	$768	$768	21.1%	8.5%	0.0%
Middlesex	$634	$634	$672	$708	$708	$708	$768	$768	21.1%	8.5%	0.0%
Mt. Wachusett	$634	$634	$672	$708	$708	$708	$768	$768	21.1%	8.5%	0.0%
North Shore	$634	$634	$672	$708	$708	$708	$768	$768	21.1%	8.5%	0.0%
Northern Essex	$634	$634	$672	$708	$708	$708	$768	$768	21.1%	8.5%	0.0%
Quinsigamond	$634	$634	$672	$708	$708	$708	$768	$768	21.1%	8.5%	0.0%
Roxbury	$634	$634	$672	$708	$708	$708	$768	$768	21.1%	8.5%	0.0%
Springfield Technical	$634	$634	$672	$708	$708	$708	$768	$768	21.1%	8.5%	0.0%
Averages											
U Mass	$1,129	$1,129	$1,208	$1,296	$1,296	$1,296	$1,404	$1,404	24.4%	[illegible]	0.0%
Regional Universities	$968	$967	$1,017	$1,080	$1,080	$1,080	$1,170	$1,170	20.9%	8.3%	0.0%
Universities	$1,076	$1,075	$1,143	$1,224	$1,224	$1,226	$1,327	$1,327	23.3%	8.2%	0.0%
State Colleges	$845	$845	$888	$938	$938	$938	$1,016	$1,016	20.3%	8.4%	0.0%
Community Colleges	$634	$634	$672	$708	$708	$708	$768	$768	21.1%	8.5%	0.0%
All	$874	$873	$928	$985	$981	$979	$1,059	$1,059	21.2%	8.2%	0.0%

TABLE 3. INCOME, PRICE INDICES AND ADJUSTED FEES: FALL 1982 - SPRING 1989

	F82	F83	F84	F85	F86	F87	F88	S89
INDICES								
HEPI	225.8	240.1	253.0	270.1	281.9	293.6	305.3	311.3
CPI (US)	236.9	247.1	256.2	266.2	273.9	280.0	291.2	297.0
CPI (Boston)	95.9	99.7	104.3	109.3	111.8	117.1	124.2	127.9
Per Capita Income	$11,966	$12,756	$13,821	$15,213	$16,387	$17,516	$18,723	$19,357
CHANGES								
HEPI	0.0%	6.3%	12.0%	19.6%	24.8%	30.0%	35.2%	37.9%
CPI (US)	0.0%	4.3%	8.1%	12.4%	15.6%	18.2%	22.9%	25.4%
CPI (Boston)	0.0%	4.0%	8.8%	14.0%	16.6%	22.1%	29.5%	33.4%
Per Capita Income	0.0%	6.6%	15.5%	27.1%	36.9%	46.4%	56.5%	61.8%
ADJUSTED FEES (FALL 1982 = 100)								
BASED ON HEPI								
Universities	100.0	96.7	96.4	117.7	127.5	130.8	177.6	180.9
State	100.0	102.3	104.4	108.1	118.2	122.9	128.5	151.4
Community	100.0	134.3	145.2	146.1	191.9	194.4	209.7	239.9
System	100.0	103.0	105.4	118.8	132.7	135.4	165.3	177.9
BASED ON CPI (US)								
Universities	100.0	98.6	99.8	125.3	137.7	143.9	195.4	198.9
State	100.0	104.2	108.2	115.0	127.7	135.2	141.4	166.5
Community	100.0	137.0	150.4	155.5	207.2	213.8	230.6	263.8
System	100.0	105.0	109.2	126.4	143.2	148.9	181.8	195.6
BASED ON CPI (Boston)								
Universities	100.0	98.9	94.3	123.5	136.6	139.3	185.4	187.1
State	100.0	104.6	107.6	113.4	126.6	130.9	134.2	156.5
Community	100.0	137.4	149.5	153.3	205.5	207.0	218.9	248.0
System	100.0	105.3	108.6	124.7	142.1	144.2	172.6	183.9

TABLE 4. STUDENT, EXTERNAL AND INTERNAL FEES: FALL 1988 - SPRING 1989

Institution	Fall 1988 Category of Fee (% of Total) Sidnt	Ext.	Int.	Total Fees	Int. as % of Tuition	Spring 1989 Category of Fee (% of Total) Sidnt	Ext.	Int.	Total Fees	Int. as % of Tuition	% Change F88-S89 Int.	Total
UNIVERSITIES												
U M - Amherst *	$268	$0	$600	$1,063	42.8%	$268	$0	$650	$1,113	46.3%	8.3%	4.7%
	25.2%	0.0%	56.5%			24.1%	0.0%	58.4%				
U M - Boston	$150	$0	$266	$416	18.9%	$150	$0	$291	$441	20.7%	9.4%	6.0%
	36.1%	0.0%	63.9%			34.0%	0.0%	66.0%				
U Lowell	$258	$0	$336	$594	28.7%	$258	$0	$336	$594	28.7%	0.0%	0.0%
	43.5%	0.0%	56.5%			43.5%	0.0%	56.5%				
SE Mass U	$147	$30	$183	$360	15.6%	$147	$30	$183	$360	15.6%	0.0%	0.0%
	40.9%	8.3%	50.8%			40.9%	8.3%	50.8%				
STATE COLLEGES												
Bridgewater	$191	$0	$210	$401	20.7%	$191	$0	$360	$551	35.5%	71.7%	37.5%
	47.6%	0.0%	52.4%			34.6%	0.0%	65.4%				
Fitchburg	$206	$0	$112	$318	11.1%	$206	$0	$212	$418	20.9%	88.9%	31.3%
	64.7%	0.0%	35.3%			49.3%	0.0%	50.7%				
Framingham	$282	$0	$154	$436	15.2%	$282	$0	$154	$436	15.2%	0.0%	0.0%
	64.7%	0.0%	35.3%			64.7%	0.0%	35.3%				
Mass Art	$110	$276	$334	$720	32.0%	$110	$276	$409	$795	39.2%	22.4%	10.4%
	15.3%	38.3%	46.4%			13.8%	34.7%	51.4%				
Mass Maritime	$148	$0	$200	$348	19.1%	$148	$0	$200	$348	19.1%	0.0%	0.0%
	42.6%	0.0%	57.4%			42.6%	0.0%	57.4%				
North Adams	$250	$0	$267	$517	26.3%	$250	$0	$417	$667	41.1%	56.5%	29.1%
	48.4%	0.0%	51.6%			37.5%	0.0%	62.5%				
Salem	$178	$0	$195	$373	19.2%	$178	$0	$270	$448	26.6%	38.8%	20.3%
	47.8%	0.0%	52.2%			39.7%	0.0%	60.3%				
Westfield	$186	$0	$248	$434	24.4%	$186	$0	$348	$534	34.3%	40.6%	23.2%
	42.9%	0.0%	57.1%			34.8%	0.0%	65.2%				
Worcester	$185	$0	$90	$275	8.8%	$185	$0	$90	$275	8.8%	0.0%	0.0%
	67.4%	0.0%	32.6%			67.4%	0.0%	32.6%				

* Fee categories do not sum to total fees or to 100% due to the exclusion of $195 of the annual $261 Authority Fees at the University of Massachusetts at Amherst.

TABLE 4. STUDENT, EXTERNAL AND INTERNAL FEES: FALL 1988 - SPRING 1989 (Continued)

Institution	Fall 1988 Category of Fee (% of Total) Stdnt	Ext.	Int.	Total Fees	Int. as % of Tuition	Spring 1989 Category of Fee (% of Total) Stdnt	Ext.	Int.	Total Fees	Int. as % of Tuition	% Change F88-S89 Int.	Total
COMMUNITY COLLEGES												
Berkshire	$122	$15	$149	$285	19.3%	$122	$15	$149	$286	19.4%	0.3%	0.2%
	42.6%	5.3%	52.1%			42.6%	5.3%	52.2%				
Bristol	$50	$15	$110	$175	14.3%	$50	$15	$140	$205	18.2%	27.3%	17.1%
	28.6%	8.6%	62.9%			24.4%	7.3%	68.3%				
Bunker Hill	$0	$15	$144	$159	18.8%	$0	$15	$144	$159	18.8%	0.0%	0.0%
	0.0%	9.4%	90.6%			0.0%	9.4%	90.6%				
Cape Cod	$63	$15	$171	$249	22.2%	$63	$15	$271	$349	35.3%	58.9%	40.4%
	25.4%	6.0%	68.6%			18.1%	4.3%	77.7%				
Greenfield	$80	$15	$190	$285	24.7%	$80	$15	$250	$345	32.6%	31.6%	21.1%
	28.1%	5.3%	66.7%			23.2%	4.3%	72.5%				
Holyoke	$72	$15	$353	$440	45.9%	$72	$15	$353	$440	45.9%	0.0%	0.0%
	16.4%	3.4%	80.2%			16.4%	3.4%	80.2%				
Mass Bay	$84	$15	$216	$315	28.1%	$84	$15	$246	$345	32.0%	13.9%	9.5%
	26.7%	4.8%	68.6%			24.3%	4.3%	71.3%				
Massasoit	$40	$15	$128	$183	16.7%	$40	$15	$254	$309	33.1%	98.4%	68.8%
	21.8%	8.2%	70.0%			12.9%	4.9%	82.2%				
Middlesex	$58	$15	$122	$195	15.8%	$58	$15	$152	$225	19.8%	25.1%	15.7%
	29.8%	7.7%	62.5%			25.8%	6.7%	67.6%				
Mt Wachusett	$58	$15	$266	$339	34.6%	$58	$15	$341	$414	44.4%	28.2%	22.1%
	17.1%	4.4%	78.5%			14.0%	3.6%	82.4%				
North Shore	$29	$15	$153	$197	19.9%	$29	$15	$198	$242	25.8%	29.4%	22.8%
	14.7%	7.6%	77.7%			12.0%	6.2%	81.8%				
Northern Essex	$90	$15	$253	$358	32.9%	$90	$15	$298	$403	38.8%	18.0%	12.7%
	25.2%	4.2%	70.6%			22.3%	3.7%	73.9%				
Quinsigamond	$44	$15	$218	$277	28.4%	$44	$15	$218	$277	28.4%	0.0%	0.0%
	15.9%	5.4%	78.7%			15.9%	5.4%	78.7%				
Roxbury	$70	$15	$62	$147	8.0%	$70	$15	$132	$217	17.1%	113.8%	47.8%
	47.8%	10.2%	42.0%			32.3%	6.9%	60.7%				
Springfield	$46	$15	$212	$273	27.5%	$46	$15	$266	$327	34.6%	25.5%	20.0%
	16.9%	5.5%	77.6%			14.1%	4.6%	81.3%				

TABLE 4. STUDENT, EXTERNAL AND INTERNAL FEES: FALL 1988 - SPRING 1989 (Continued)

Institution	Fall 1988 Category of Fee (% of Total) Sidnt	Ext.	Int.	Total Fees	Int. as % of Tuition	Spring 1989 Category of Fee (% of Total) Sidnt	Ext.	Int.	Total Fees	Int. as % of Tuition	% Change F88-S89 Int.	Total
SEGMENT AVERAGES												
Universities *	$227	$4	$429	$754	32.3%	$227	$4	$458	$783	34.5%	6.7%	3.8%
	30.1%	0.5%	56.9%			29.0%	0.5%	58.5%				
State Colleges	$200	$11	$187	$397	18.4%	$200	$11	$267	$478	26.3%	43.3%	20.3%
	50.3%	2.7%	47.0%			41.8%	2.3%	55.9%				
Community Colleges	$58	$15	$185	$258	24.1%	$58	$15	$229	$301	29.8%	23.6%	16.9%
	22.3%	5.8%	71.8%			19.1%	5.0%	75.9%				
System Average *	$164	$10	$283	$494	26.7%	$164	$10	$331	$542	31.2%	17.0%	9.7%
	33.2%	1.9%	57.2%			30.3%	1.8%	61.0%				

* Fee categories do not sum to total fees or to 100% due to the exclusion of $195 of the annual $261 Authority Fees at the University of Massachusetts at Amherst.